

MORMUGAO PORT TRUST
ENGINEERING MECHANICAL DEPARTMENT

Quotation no.CME/EDP/4/2017/01



QUOTATION
FOR
“EXTENSION OF CRUISE TERMINAL NETWORK TO MOBILE COUNTERS
AT BREAKWATER BERTH”

Due at 11.00A.M on 03.10.2017

Website : www.mptgoa.com

MORMUGAO PORT TRUST
ENGINEERING MECHANICAL DEPARTMENT

Quotations are invited in a sealed cover from Experienced firms duly super scribed as **QUOTATION FOR “EXTENSION OF CRUISE TERMINAL NETWORK TO MOBILE COUNTERS AT BREAKWATER BERTH”**

Details about Quotation:

Quotation invited by	CHIEF MECHANICAL ENGINEER, MORMUGAO PORT TRUST
Quotation No.	CME/EDP/4/2017/01
Name of Work	EXTENSION OF CRUISE TERMINAL NETWORK TO MOBILE COUNTERS AT BREAKWATER BERTH
Document Cost	Rs.500/- in the form of DD from Nationalized/Scheduled Banks in favour of the Financial Advisor & Chief Accounts Officer, MPT, payable at Vasco, Goa to be submitted along with the tender.(Quotation Documents Fee is not refundable) Note: Bidders not paying document Cost before due date and time will be disqualified.
Earnest money Deposit	Rs.3,700/- should be submitted along-with the tender as Earnest Money Deposit. EMD of the unsuccessful bidder will be returned within 30 days after the award of the contract. EMD will be accepted in the form of Demand Draft, in favour of the Financial Advisor & Chief Accounts Officer, MPT, payable at Vasco, Goa to be submitted along with the tender.
Security Deposit/ Performance Guarantee	5% of the contract value. The above 5% of the contract value will be deducted from the bill. The same will be retained as Performance Guarantee.
Completion Period	4 weeks from the 7 th day of LOA.
Liquidated Damages	For delay in supply/completion of work Liquidated Damages, equivalent to 0.5% of the total contract value/per week or part thereof subject to maximum 5% are liable to be deducted from any moneys due or become due to the Contractor.
Payment terms	95% payment will be made within 15 days after satisfactory completion of work on producing invoice complete in all respect. Balance 5% shall be retained as Performance Guarantee towards subject work and released after satisfactory completion of Guarantee period. The contractor shall furnish their bank account number PAN card, MICR number Name of the Branch along with Bill for arranging payment made through E.C.S. by the Trust.
Bid Validity	60 Days from the date of opening of the quotation.

Guarantee Period	1 year from the date of taking over of the work.
Date of submission of bids	03.10.2017 till 11:00 Hrs.
Date of Opening of bids	03.10.2017 at 11:30 Hrs
Address for communication and submission of bid:	Assistant Executive Engineer , Engineering Mechanical Dept., Mormugao Port Trust, Mormugao, Goa – 403804.
Contact Details	Phone :0832-2594238 ; Email : cmeedp1@gmail.com
Website	www.mptgoa.com

**CHIEF MECHANICAL ENGINEER
MORMUGAO PORT TRUST**

TECHNICAL SPECIFICATION

1.0. GENERAL

Mormugao Port Trust invites a quotation for the work of “EXTENSION OF CRUISE TERMINAL NETWORK TO MOBILE COUNTERS AT BREAKWATER BERTH”.

2.0. SCOPE OF WORK

2.1 The Bureau of Immigration has its own network at OLD CHLD Building, which is extended till the New Cruise Terminal Building.

2.2 This Network has to be further extended to the Mobile counters (5 nos) which will be placed on the Breakwater Berth when the Cruise ship is berthed.

2.3 The OFC shall be laid from the New Cruise Terminal Building to the Stainless Steel box to be installed at the Berth. The OFC cable shall be laid in the HDPE pipe all along its route. The pipe having the OFC shall be clamped on to the wall. Wherever there is road crossing, the trench depth shall be 1.2 meters and cable shall be laid in the GI pipe. There shall be no sharp bend of cable.

2.4 The contractor shall supply and install water tight stainless steel box (Box shall be supplied as per the specifications).The box shall be mounted on stand which shall be fixed on the wall. The mounting shall be such that the lower end of box shall be one meter from the floor.

2.5 The 6U network rack has to be installed in the water tight stainless steel box.The rack shall have LIU for OFC termination, Media Converter, OFC patch cord, CAT-6 patch cord and 24 Port patch panel. The required switch will be supplied by Bureau of Immigration.

2.6 Each counter shall have 2 nos. network points and 5 nos. power point. Out of 5 nos. one to be used as incoming supply.

2.7 All the cores of the OFC shall be terminated in the rack LIU by splicing to suitable pigtails.

2.8 Excavation is preferably to be carried out manually, to avoid any disruption of existing cables.

2.9 The contractor shall supply and install the Media converter, 24 port RJ45 patch panels LC-LC OFC patch cord in 6U network rack and any other material required to commission the same.

MAKES/TECHNICAL SPECIFICATIONS

1. OPTICAL FIBER CABLE

The supplied OFC shall be 6 core single mode armoured OFC for outdoor use.

MAKE: D-LINK / AMP

2. NETWORK RACK/CABINET

Size: 6U Size

MAKE: D-LINK / SCHNEIDER

Construction: Welded

FrontDoor: Lockable Toughened Glass Door

Basic Frame : Steel

Equipment Mounting : DIN Standard Slots

Standard Finish : Powder Coated

Top/ Bottom Cover : Welded to Frame, Vented and Field Cable entry exit cut outs

Standard Color : Grey or Black

3. DUAL PORT NETWORK I/O BOX

Shall be Modular type suitable for RJ-45 connector

MAKE: D-LINK / I-BALL

4. CAT 6 CABLE(UTP)

MAKE: FINOLEX / D-LINK

5. MEDIA CONVERTER

Suitable for single mode OFC

Make: D-LINK / TP-LINK / DIGISOL

6. FLEXIBLE PVC CABLE

Make: Finolex / Havells / Polycab

7. Wires (4, 2.5, 1.5 sqmm)

Copper multistranded, insulated FR cable.

Make: Anchor/Finolex/ Power Plast,

8. TECHNICALS SPECIFICATIONS FOR STAINLESS STEEL BOX

- a. The box must house the 6U Network Rack and main power supply points.
- b. Stainless Steel plate (SS316) must be used to fabricate the box for outdoor use
- c. The Box shall be mounted on a stand such that the height from the Ground to the lower end of the Box must be 1 meter.
- d. The Box shall have front opening door with locking system.
- e. The Box shall have provision for cable entry from bottom.
- f. The Box shall have IP67 degree of protection.
- g. The dimensions of the box shall not be less 100 cm (length) x 70 cm (breadth) x 60 cm (depth).
- h. The Box shall have a sloping roof.

2.1. INSTALLATION AND COMMISSIONING

The network foreextension of cruise terminal network to mobile counters at breakwater berth shall be installed and commissioned using necessary items with required instruments and tools which are to be supplied by the contractor at the location pointed out by Port Trust Engineer.

All the materials required for the installation and commissioning at site including the material for civil works shall be supplied by the Contractor.

3.0. GENERAL TERMS AND CONDITIONS

3.1. Validity:

The validity period for the offer shall be 60 days from the date of opening of the quotation.

3.2. Price:

The evaluation shall be on the basic price. The rates offered shall be exclusive of GST. If any new tax imposed by the State/Central Govt., same shall be reimbursed by producing documentary proof.

3.3. Earnest Money Deposit (E.M.D).

Rs.3,700/- should be submitted along-with the tender as Earnest Money Deposit.. The EMD will be accepted in the form of Demand Draft in favour of the Financial Advisor & Chief Accounts Officer, MPT, payable at Vasco, Goa.

To claim EMD exemption, the tenderers are required to produce an attested copy of the NSIC registration Certificate issued in the name of the firm who will submit the tender document. The exemption from the payment of EMD will be allowed only if similar work of the tender match with the enlistment statement shown in the

Certificate issued by SSI/MSME/NSIC or any empowered Central/State Govt. Authority. No claims for exemption without the details stipulated above will be considered. The SSI/MSME/NSIC or any empowered Central/State Govt. Authority or any empowered Central/State Govt. Authority registration Certificate shall be submitted alongwith the tender.

The EMD of the unsuccessful bidder will be returned within 30 days after the award of the contract The EMD of the successful bidder will be released after completion of the work and retention of 5% of contract value towards Performance Guarantee.

3.4. Security deposit:

The contractor shall furnish the Security Deposit of 5% of contract value. The amount towards the same will be deducted from the bill and will be retained as Performance Guarantee and released after satisfactory completion of guarantee period.

3.5. Completion Period:

The entire work shall be completed within **4 weeks** from the 7th day of LOA.

3.6. Guarantee Period:

- i) The Contractor shall give the guarantee for a period of **1 year** from the date of taking over of the work. Any defect observed during the guarantee period, the same shall be replaced by the Contractor, free of cost. However, The Security Deposit shall be converted to Performance Guarantee during the guarantee period.

3.7. Payment Terms:

- i. 95% payment shall be made within 15 days after satisfactory completion of work on producing invoice complete in all respects.
- ii. Balance 5% will be retained as Security deposit/Performance Guarantee and will be released after guarantee period.
- iii. The contractor shall furnish their bank account details for the payment through ECS by the Trust. A copy of the PAN card, Service Tax Registration no., EPF& ESI shall be furnished. MICR number Name of the Branch along with Bill for arranging payment made through E.C.S. by the Trust.

3.8. Liquidated Damages:

In the event of failure by the contractor to complete the execution of the work within the time stipulated in the contract or by the expiry of any period of extension granted by the Board's terms thereof, the contractor shall pay the Board as Liquidated Damages for delay to complete the work, a sum of .5% of contract price per week or part thereof subject to a maximum of 5% and the Board shall have the power to deduct this amount from the payment of the amounts due to the contractor or from his deposit.

3.9. Other terms and conditions

- i) All tools and tackles shall be arranged by the Contractor at their own cost.

- ii) The Bidders are advised to visit the site and get acquainted regarding the nature of the work involved at site conditions before quoting the rate.
- iii) The technical specification Schedule 'A' and Schedule of prices and quantities Schedule 'A1' to be read in conjunction to ensure the actual supply and works involved.
- iv) Necessary Entry passes shall be obtained by the Contractor at their own cost with the approval of Port Officials.
- v) The Trust will not be responsible for any loss or damage of the men/materials/ tools/plants engaged by the firm during the work at site or transportation.
- vi) The Contractor shall take utmost care during the execution of the work, if any damage to Port property, the cost of the damage shall be deducted from the Contractor's bill.
- vii) The power supply shall be provided by the Port free cost for execution of the work, however, the Contractor take power supply from the nearest source by their own arrangement.
- viii) Address for communication and submission of bid:
Asst.Executive Engineer (EDP),1st floor A.O. Bldg, Headland Sada, Engineering Mechanical Dept., Mormugao Port Trust, Mormugao, Goa – 403804. Phone: 0832-2594238 and Mobile– 9823206606.
- xi) Further amendments if any, visit our website www.mptgoa.com

CHIEF MECHANICAL ENGINEER

SCHEDULE – “A1”

PRICE SCHEDULE

Sr. No	Description	Unit	Qty	Rate/Unit (Rs.)		Applicable GST (%)	Amount (Rs.)
				In Fig	In Words		
1.	Supply 6 core Singlemode OFC as per specifications	Mtr	500				
2.	laying of OFC on wall through HDEP Pipe and clamping on Wall	Mtr	470				
3.	Laying of OFC in 2" B class GI Pipe across the road at depth of 0.6 metres	Mtr	30				
4.	Supply and installation of 6U Network Cabinet/Rack						
	Supply	No	1				
	Installation	No	1				
5.	Supply and Installation of Rack Line Interfacing Unit (indoor type LIU) to terminate 6 core SM OFC loaded with Pigtails, LC adaptor (6 nos each), Media Converter, LC-LC OFC Patch cord(1.5mtrs)						
	Supply	No	2				
	Installation	No	2				
6.	Supply of installation of 24 port RJ45 patch panel and interconnecting patch cord including punching of cable.						
	Supply	No	1				
	Installation	No	1				
7.	Supply of installation of CAT-6 patch cord (1 meter) from patch panel to switch.						
	Supply	No	12				
	Installation	No	12				
8.	Splicing of OFC	No	12				
9.	Supply and installation of Dual port Network I/O box with surface box, faceplate and keystone including punching of keystone Including wiring from box to counter						
	Supply	No	12				
	Wiring	No	12				

10.	Supply and installation of Stainless Steel Water tight enclosure for network rack to be installed at Cruise Berth as per specifications at Annexure II						
	Supply	No	1				
	Installation	No	1				
11.	Supply, fixing, connection of wires, testing of power point with 5 nos. of 5/16 A, socket and control by 5 nos. 16 A switch of Legrand make along with top cover plate, PVC back box suitable to modular plate, 1 no. 15A 3 pin and other necessary accessories to complete the installation as per standard practice.						
	Supply	No	5				
	Wiring	No	5				

(In Words Rupees _____
_____ only)

Date:

Signature:

Place:

Name:

Address:

Office Seal of firm

- Note:** 1. The offered rates shall be exclusive of GST.
2. Evaluation will be done on Basic Price.
3. Payment will be made at actuals.